

IN THE SPECIFICATION

The paragraph beginning at page 9, line 19 has been amended as follows:

~~A two-part~~ Two-part saddle coils are respectively shown in Figures 3 and 4. For clarity, only the conductor path arrangement is shown. The respective carrier plates are not shown, or are to be regarded as transparent. Figures 3 and 4 differ in the manner of the conductor feed to and from the coil center. Figure 4 shows a two-part saddle coil with two conductor feeds Y, parallel to the cylinder axis, that have a larger separation from the cylinder axis than the coil itself. In Figure 3, it is the reverse: both conductor feeds X are located on a cylindrical surface with a smaller radius than that of the coils. Naturally, it is also possible to combine both conductor feed types in a two-part saddle coil. Since the carrier plates are not indicated in Figures 3 and 4, the drawings are non-specific as to whether the conductor feed is free or is integrated into the carrier plate. Both or a combination of the above embodiments are/is conceivable. In both Figures 3 and 4 the conductor feed proceeds exactly parallel to the cylinder axis in order to not influence the axial gradient field of the Maxwell coil (not shown).